

## MA 113 Fall 2021 Calendar of Coverage

	Date	Section	Coverage	WebWork due	
Week 1	M 08/23	§1.1–1.3, 1.5	Intro to MA 113 and Functions and inverse functions		
	T 08/24		Worksheet 1		
	W 08/25	§1.4–1.5	Exponential and logarithmic functions		
	R 08/26		Worksheet 2	A1	
	F 08/27	Appendix D	Trig and inverse trig functions		
Week 2	M 08/30	Appendix D	Trig and inverse trig functions		
	T 08/31		Worksheet 3	A2	
	W 09/01	§2.1	Tangent & Velocity Problems		
	R 09/02		Worksheet 4 & Quiz 1		
	F 09/03	§2.2	Limit of a Function	A3, WA1	
Week 3	M 09/06: Labor Day				
	T 09/07		Worksheet 5	A4	
	W 09/08	§2.3	Limit Laws		
	R 09/09		Worksheet 6 & Quiz 2	A5	
	F 09/10	§2.5	Continuity	WA2	
Week 4	M 09/13	§2.6	Limits at Infinity, Horizontal Asymptotes	A6	
	T 09/14		Worksheet 7		
	W 09/15	§2.7	Derivatives (Tangents, Velocities, and Derivatives only)	A7	
	R 09/16		Worksheet 8 & Quiz 3		
	F 09/17	Review		A8, WA3	
Week 5	M 09/20	Review			
	T 09/21		Worksheet 9		
	T 09/21	Exam 01: 05:00–07:00 PM			
	W 09/22	§2.8	The Derivative as a Function		
	R 09/23		Worksheet 10	B1	
Week 6	F 09/24	§3.1	Derivatives of Polynomials and Exponentials		
	M 09/27	§3.2	Product and Quotient Rules	B2	
	T 09/28		Worksheet 11		
	W 09/29	§3.3	Derivatives of Trig Functions	B3	
	R 09/30		Worksheet 12 & Quiz 4		
Week 7	F 10/01	§3.4	Chain Rule	B4, WA4	
	M 10/04	§3.5	Implicit Diff'n and Diff'n of Inverse Functions, Problem 77(a)		
	T 10/05		Worksheet 13	B5	
	W 10/06	§3.6	Derivatives of Logarithms and $e$ as a Limit		
	R 10/07		Worksheet 14 & Quiz 5	B6	
Week 8	F 10/08	§3.7	Rates of Change in Sciences (Focus on Ex 1,3,6,8)	WA5	
	M 10/11	§3.8	Exponential Growth and Decay		
	T 10/12		Worksheet 15	B7	
	W 10/13	§3.9	Related Rates		
	R 10/14		Worksheet 16 & Quiz 6	B8	
Week 9	F 10/15	Review		WA6	
	M 10/18	Review		B9	
	T 10/19		Worksheet 17		
	T 10/19	Exam 02: 05:00–07:00 PM			
	W 10/20	§4.1	Maximum and Minimum Values		
Week 10	R 10/21		Worksheet 18	C1	
	F 10/22	§4.2	The Mean Value Theorem		
	M 10/25 Fall Break				
	T 10/26 Fall Break				
Week 10	W 10/27	§4.3	How Derivatives Affect the Shape of the Graph	C2	
	R 10/28		Worksheet 19 & Quiz 7		
	F 10/29	§4.4	l'Hospital's Rule (w/o differences and powers)	C3, WA7	

Week 11	M 11/01	§4.7	Optimization Problems			
	T 11/02		Worksheet 20	C4		
	W 11/03	§4.7	Optimization Problems			
	R 11/04		Worksheet 21 & Quiz 8	C5		
	F 11/05	§4.9	Antiderivatives	WA8		
Week 12	M 11/08	§5.1	Areas and Distances			
	T 11/09		Worksheet 22	C6		
	W 11/10	§5.2	The Definite Integral			
	R 11/11		Worksheet 23 & Quiz 9	C7		
	F 11/12	Review		WA9		
Week 13	M 11/15	Review				
	T 11/16		Worksheet 24			
	T 11/16	Exam 03: 05:00–07:00 PM				
	W 11/17	§5.3	The Fundamental Theorem of Calculus, Part I	D1		
	R 11/18		Worksheet 25			
	F 11/19	§5.3	The Fundamental Theorem of Calculus, Part II	D2		
Week 14	M 11/22	§5.4	Indefinite Integrals and Net Change			
	T 11/23		Worksheet 26	D3		
	W 11/24	<b>Thanksgiving Break</b>				
	R 11/25					
	F 11/26					
Week 15	M 11/29	§5.5	Method of Substitution			
	T 11/30		Worksheet 27	D4		
	W 12/01	§3.10	Linear Approximation (without differentials)			
	R 12/02		Worksheet 28 & Quiz 10	D5		
	F 12/03	Handout	Higher Order Approximation	WA10		
Week 16	M 12/06	Review				
	T 12/07		Worksheet 29			
	W 12/08	Review				
	W 12/XX	Final Exam 6:00–8:00 PM				